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ABSTRACT OF THE DISCLOSURE

10        The present invention is directed to the provision  
of a transmission apparatus and, more particularly, of a  
transmission apparatus equipped with an alarm transfer  
device that enables alarm information to be transferred  
on a network where a protocol having a dedicated frame  
for achieving network management and client maintenance  
15        and a protocol that does not have such a dedicated frame  
are running in mixed fashion. The transmission  
apparatus, which is connected to the network where  
transparent data transmissions are performed using a  
plurality of client protocols, is designed to accommodate  
20        at least one of the plurality of protocols as a primary  
client protocol, and the alarm transfer device transfers  
alarm information indicating the occurrence of a failure  
to a destination transmission apparatus via the network,  
wherein the alarm information is transferred using an  
25        alarm frame created based on a prescribed client protocol  
unified among the plurality of client protocols.